BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TELEPHONE: (303) 740-1980

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Deliver to: Flournoy, Horace L., USPTO Facsimile No.: (571) 273-8300 From: Ashley R. Ott, Reg. No. 55,515 Our Docket No.: 42P17027 Application No.: 10/658,897 Enclosed are the following documents:	Art Group: 2189 Date: August 7, 2006 Number of pages 15 including this sheet. Filing Date: 9/10/2003 Docket Due Date(s): 8/7/2006 9/7/2006	
Amendment:Response (11_pgs)	Issue Fee Transmittal Notice of Appeal Petition for:	
CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A) I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office. 8/7/2006		

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Date

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Pat Sullivan

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	10/658,897		
		Filing Date	September 10, 2003		
		First Named Inventor	Vijay S. Menon		
			Art Unit	2189	
		Examiner Name	Flournoy, Horace L.		
Total Number of Pages	in This Submissio	on 15	Attorney Docket Number	42P17027	
ENCLOSURES (check all that apply)					
Fee Transmittal Form		Drawing(s)	<u> </u>	After Allowance Communication to TC	
Fee Attached		Licensing-ralated Papers Appeal Communication of Appeals and Interfere			
Amendment / Respon	se	Petition		Appeal Communication to TC (Appeal Nodes, Brief, Reply Brief)	
After Final Affidavits/decla	ration(s)	Petition to Provisiona	Convert a I Application	Proprietary Information	
Extension of Time Re	quest	Power of A Change of	Attorney, Revocation Comespondence Address		
Express Abandonmen	it Request	Terminal C	Disclaimer	Other Enclosure(s) (please identify below):	
Information Disclosure	e Statement	Request fo	or Refund	Facsimile Transmittal Sheet	
☐ PTO/SB/08		CD, Numb	er of CD(s)		
Certified Copy of Prior Document(s)	rity	Lands	scape Table on CD		
Response to Missing Incomplete Application	Parts/ n	Remarks			
Basic Filing) Fee	Remarks			
Declaration/POA					
Response to M Parts under 37 1.52 or 1.53	Response to Missing Parts under 37 CFR 1.52 or 1.53				
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm Ashley R. Ott, Reg. No. 55,515					
Individual name BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP					
Signature ashlylet					
Date August 7, 2006					
CERTIFICATE OF MAILING/TRANSMISSION					
I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.					
Typed or printed name Pat Sullivan					
Signature		1ac c	Julivain	Date August 7, 2006	

Based on PTC/SB/21 (09-04) == modified by Blakely, Solickell, Taylor & Zalman (wtr) 11/30/2005. SEND TO: Commissionar for Paterlis, P.O. Box 1450, Alexandria, VA 22313-1450

AUG 0 7 2006

Complete if Known:

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FEE TRANSMITTAL		Application Numbe	r 10/658,89	7			
		Filing Date		r 10, 2003			
for FY 200		First Named Invent			•		
Patent fees are subject to annual ret		Examiner Name		Horace L.			
Applicant claims small entity status. S	iee 37 CFR 1.27.	Art Unit	2189	1101400 23			
TOTAL AMOUNT OF PAYMENT	(\$) 0.00	Attorney Docket No					
		/ Audinoy Booker	42111021				
METHOD OF PAYMENT (check a							
Check Credit card Money	Check Credit card Money Order None Other (please identify):						
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP							
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.							
FEE CALCULATION							
1203 350 2203 180 Multiple Depend	ms in excess of 3 ent claims, if not paid indent claims over original patent in excess of 20 and over original pa (\$) 0.00 Fee Description set filing fee or caver sheet te provisional filing fee or caver sheet	LEN X	r numbor previously paid, if !	e Pad	.res, see below		
1255 2.180 2255 1.080 Extension for 1401 500 2401 250 Notice of App	raply within lifth month eal						
1403 1,000 2403 500 Request for o							
	thuts a public use proceeding e Commissioner		 				
1807 50 1807 50 Processing fe	e under 37 CFR 1.17(q) f Information Disclosure Stml						
	şşion afler final rejection (37 CFR § :	1.129(3))					
1910 790 2910 396 For each additional invention to be examined (37 CFR § 1.129(b))							
Other fee (specify)	SUBTOTAL (Z)	-	(5)				
	30010174 (4)		(\$)				
SUBMITTED BY				Comp	lete (If applicable)		
Name (PrintType) Ashley R. Ott		Registration No. (Attorney/Agent)	55,515	Telephane	(303) 740-1980		
Signature Ol Ll 10	015	<u> </u>		Date	08/07/06		

Signature

Based on PTO/SB/17 (12-04) se modified by Blaker/Sokoloff, Taylor & Zalman (wtr.) 12/15/2004.

SEND TO: Commissioner for Patents, P.O. Box J. 50, Alexandrie, VA 22313-1450

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Complete if Known **FEE TRANSMITTA** Application Number 10/658,897 September 10, 2003 Filing Date First Named Inventor Vijay S. Menon Examiner Name Flournoy, Horace L Applicant claims small entity status. See 37 CFR 1.27. 2189 Art Unit TOTAL AMOUNT OF PAYMENT 0.00 (\$) 42P17027 Attorney Docket No. METHOD OF PAYMENT (check all that apply) ☐ Check ☐ Credit card ☐ Money Order ☑ None Other (please identify): Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP Deposit Account Deposit Account Number: 02-2666 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. **FEE CALCULATION** 1. EXTRA CLAIM FEES Extra Fee from Fee Paid Total Claims 24 0 50,00 \$0.00 Independent Claims 200.00 \$0.00 Multiple Dependent Large Enthy Fee Description (\$) Code (P) Code 50 2202 25 1202 200 2201 100 Independent claims in excess of 3 Multiple Dependent claim, if not paid
"Reisaue independent claims over original patent
"Reisaue claims in excess of 20 and over original patent 1203 1204 360 2203 180 760 2204 395 or number previously paid, if greater, For Roissues, see below 2205 SUBTOTAL (1) (\$) 0.00 **ADDITIONAL FEES** Large Entity Small Entity Code Code Fee Description Fee Paid Surcharge - late filing fee or oath 1051 130 2051 Surcharge - tale provisional filing fee or cover sheet. 2052 1052 2053 Non-English specification 2053 120 130 120 2251 Extension for reply within first month 1252 450 2252 225 Extension for reply within second month 2253 510 Extension for reply within third month 1253 1.020 :254 1,590 2254 Extension for reply within fourth month. 795 1255 2,160 2255 Extension for reply within fifth month 1.080 1401 500 2401 Notice of Appeal 1402 2402 Filing a brief in support of an appeal 500 250 1,000 2403 Request for oral hearing 1451 1.510 2451 1.510 Petition to Institute a public use proceeding Petitions to the Commissioner Processing fee under 37 GFR 1.17(q) 1460 130 2460 130 1807 1807 1806 160 1806 Submission of Information Disclosure Strit 395 Filing a submission after final rejection (37 CFR § 1.128(a)) 1809 790 1809 1810 790 2810 395 For each additional invention to be examined (37 CFR § 1.129(b)) Other fee (specify) SUBTOTAL (2) (5) SUBMITTED BY Complete (if applicable) Registration No. (303) 740-1980 Name (Print/Type) 55,515 Telephone Ashley R. Ott 08/07/06 **Signature** Date

BST&Z

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RESPONSE UNDER 37 C.F.R. § 1.116

– EXPEDITED PROCEDURE -
EXAMINING GROUP 2100

Our Docket No.: 42P17027

Docket No.: 42P17027 Application No.: 10/658,897

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

) Application No.: 10/658,897) Art Group: 2189)	In re Application of:)			
Filed: September 10, 2003 For: A Method and Apparatus for Hardware) Data Speculation to Support Memory Optimizations RESPONSE AFTER FINAL Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: In response to the Final Office Action mailed on June 7, 2006, which was made final, applicant submits this Amendment After Final Action for consideration. CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that I am causing the above-referenced correspondence to be transmitted via facsimile to the United States Postal Service at (571) 273-8300 on the date indicated below: August 7, 2006 Date of Transmission Pat Sullivan Name of Person Transmitting Correspondence RAF SULLIVAN 08/07/2006	Menon) Examiner: Flournoy, Horace L.			
For: A Method and Apparatus for Hardware) Data Speculation to Support Memory) Optimizations RESPONSE AFTER FINAL Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: In response to the Final Office Action mailed on June 7, 2006, which was made final, applicant submits this Amendment After Final Action for consideration. CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that I am causing the above-referenced correspondence to be transmitted via facsimile to the United States Postal Service at (571) 273-8300 on the date indicated below: August 7, 2006 Date of Transmission Pat Sullivan Name of Person Transmitting Correspondence Advance Operation Correspondence	Application No.: 10/658,897) Art Group: 2189			
Data Speculation to Support Memory Optimizations RESPONSE AFTER FINAL Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: In response to the Final Office Action mailed on June 7, 2006, which was made final, applicant submits this Amendment After Final Action for consideration. CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that I am causing the above-referenced correspondence to be transmitted via facsimile to the United States Postal Service at (571) 273-8300 on the date indicated below: August 7, 2006 Date of Transmission Pat Sullivan Name of Person Transmitting Correspondence August 7, 2006	Filed: September 10, 2003)			
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Pat Sullivan Name of Person Transmitting Correspondence Pat Sullivan 08/07/2006	the United States Postal Service at (571) 273-8300 c	on the date indicated below:			
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